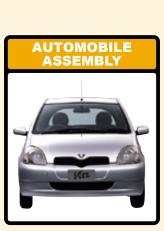
## **Toyoda's Products at a Glance**

#### **CATEGORY** | **BUSINESS**

## DEDICATION TO RESEARCH AND CREATIVITY AHEAD OF ITS TIME

Beginning in the textile machinery area, TOYODA AUTOMATIC LOOM WORKS, LTD., has made strong efforts to expand its markets. Today, the Company provides products in many fields and has earned the trust and praise of customers all over the world.



Sales

¥152.4 bil

% of net sales

27.3%



Sales **¥95.5 bil** % of net sales 17.1%

Manufactured 208 thousand diesel engines and 176 thousand gasoline engines this year. The current core product is C-type (2000 cc class) diesel engine, and its share accounts for about 25% of all TOYOTA diesel engines. Demand slowed down for diesel engines in domestic market, but a direct injection type launched June 1999 is expected to boost sales. Various types of gasoline engines E, Y and K-types being manufactured effectively under the renowned Flexible Production Line.



Sales **¥4.2 bil** % of net sales 0.7%

Supply center of high-quality and low-cost cast-iron parts and aluminum parts to customers and to the Company's other business unit. Iron cast parts mainly used for engine parts, and also provied for textile machinery and industrial vehicles. Aluminum cast parts produced for car airconditioning compressors, and also for engine heads. Demand for aluminum cast parts expected to grow even further as light-weighted aluminum engine parts will replace heavier ones. Production of car airconditioning compressors will also increase.

The largest sales division. 200 thousand cars sold: 46% domestic and 54% overseas. Manufacturing small TOYOTA cars such as "Vitz" ("Yaris"), the successor of "Starlet", from January 1999. Full capacity production for "Vitz" due to strong demands domesitically and from Europe for its fresh image, high quality and reasonable price. "Sprinter Carib" ("Corolla Wagon") also maintains popularity. Aiming to manufacture over 220 thousand cars in 2000. Currently developing new cars derived from "Vitz".

6 TOYODA 1999

#### CATEGORY || BUSINESS

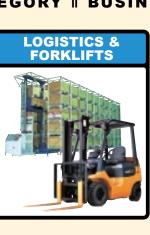
# CAR AIR-COMDITIONING COMPRESSORS

Sales ¥107.2 bil

% of net sales



Supplying swash plate fixed and variable displacement types, scroll and vane types of compressors as well as their modified versions to meet the specific needs of clients to car manufacturers in the world. Holds No.1 global share for the superiority in product development and technology. 9,785 thousand units sold this year, record sales. Intends to increase the current market share especially in Europe, where demand for car airconditioning systems is strong. Plans to aggressively be involved in development of a series of energy-saving variable displacement type and scroll type compressors for small cars.



Sales ¥151.4 bil



Sales of ¥8.4 billion from Logistics department and ¥143 billion from Forklifts department (record sales of 67,444 units). For industrial vehicles, 39% domestic sales, and 61% overseas. No.1 domestic share for the superior quality and ample product lineup, and also one of the largest in the world. Next generation engine-powered forklift "GENEO" introduced in Japan September 1998, and will be manufactured locally in Europe and North America as "7 Series" in 2000. Plan to expand indoor battery-powered forklifts lineup to gain a 25% market share in the world in 2005. Logistics department share is small, but double the production in 5 years. Clean room equipment will be added to current lineup of automatic guided vehicles and automated storages, to supply highlyefficient, high-quality and lowcost products.



Sales **¥18.9 bil**% of net sales



Top manufacturer of air jet loom in the global market. In total 2,120 looms and 305 thousand spindles of ring spinning frames were sold in 1999. The water jet loom business was acquired from Nissan Texsys Co., Ltd. in April 1999. This will be a cornerstone in pursuit to obtain No.1 global share in the loom business.

### CATEGORY III



Sales

¥5.0 bil

% of net sales



Though new business, intend to expand it to become one of the Company's mainstays. Semiconductor department supplies power devices such as SIT and HIC. Aims to expand to become a unique supplier of semiconductors. Electronics equipment department supplies AC inverters mounted on automobiles, SS wireless modems, and also provides controllers for battery-powered industrial vehicles manufactured by the Company. Also joint venture with Sony Corporation started production of TFT color-LCD made of low- temperature polysilicon in April 1999, and at the same time another joint venture with Ibiden Co., Ltd. started production of plastic package boards for IC chips.

